KNOWLEDGE ASSET 2021-2022

Photo

Name: Kamala Challa

Designation: Assistant Professor

Department: Information Technology

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JNTUH ID :31150331-142854

Experience (in years): Teaching: 14Years   Research: Others (If any, Specify):

1. **Educational / Technical qualifications:**

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D.	pursuing	CSE
2	M.Tech	2012	CSE
3	B.Tech	2006	IT

2. **Teaching and Learning:**

    2.1. Teaching Interests: Computer Programming, Python Programming, R programming, Data Structures, Database Management System, Design and Analysis of Algorithms, Data Warehousing and Mining, Operating Systems, Computer Network, Mobile Computing, Data Analytics.

    2.2. Novel Teaching & Learning Techniques adopted: NPTEL Videos, Audio visuals,PPT,BlackBoard, and Activities.

    2.3. Involvement in curriculum updating / Design:

3. Co-curricular and Extra-Curricular Activities

    3.1. Interests and Hobbies: Reading.

    3.2. CCA/ECA Organized:

    3.3. CCA/ECA participated: Chess & Tennicoit

    3.4. Counseling and Mentoring Activity:

    3.5. Committees involved in:

        Department level: 1. Faculty workshops attended

2. Faculty Workshops conducted

Institute Level:

4. Conference / Workshop / Seminar / Guest Lectures:

- .1 Conducted:
- .2 Attended:
  - 2-conferences attended
  - 20-workshops attended.

Conferences attended:

- Presented a Paper On Comparative analysis on heart disease prediction using conventional neural networks with adapted back propagation-ICDIC-2021,SVEC, Thirupati.

- Presented a paper on Enhanced biomedical data modeling using unsupervised machine learning algorithms-NWCOIT-2019(Scopus), KLU Vijayawada.

- Fourth international conference on transformations in engineering education-ICTIEE 2017

Workshops attended:

1. AICTE-ISTE program on "IOT and machine learning during 03-12-2021 to 09-12-2021 organized by JNTUA,Anathapur.
2. ATAL FDP on "exploring machine learning and deep learning algorithms for natural language processing applications" during 22-11-2021 to 26-11-2021 at VNR VJIET,Hyderabad.
3. ATAL FDP on artificial intelligence and machine learning using python during 21-06-2021 to 25-06-2021 at engineering college, bikaneer.
4. FDP on Data Science organized by APSSDC During 01-06-2020 T0 30-06-2020
5. Aicte-Staff Development Program On "Applications Of Image Thinnig Methodology" organized by BVRIT in 2009
6. FDP on "Research Methodologies" organized by VCE in 2014
7. FDP on "Multimedia Information Retrieval Methodologies" organized by VCE in 2015
8. One Week Fdp On Deep Learning &Amp; Applications organized by ICT ACADEMY During 27-05-2019 TO 31-05-2019
9. 3 Day Course On Industry 4.0 Standard Through Ict organized by NITTTR HANDIGARH During 23-01-2019 TO 25-01-2019
10. Short Term Training Program On Problem Based Learning organized by NITTTR KOLKATA During 11-02-2019 TO 15-02-2019
11. One Week Fdp On Ai And MachneLearnng organized by MNIT JAIPUR During 17-12-2018 TO 21-12-2018
12. Short Term Course On Open source Technologies organized by NITTTR CHANDIGARH During 03-12-2018 TO 07-12-2018

13. FDP on Big Data And Machine Learning organized by NEC During 05-11-2018 TO 10-11-2018
14. Short Term Course On Java Fundamentals And Programming organized by ORACLE ACADEMY During 08-09-2018 TO 14-09-2018
15. 6 Day Training Program On Statistics With R Programming organized by NEC AICTE SPONSORED During 24-06-2019 TO 29-06-2019
16. FDP on Data Science And Big Data Analytics organized by ICT ACADEMY During 23-04-2019 TO 27-04-2019
17. Machine Learning In Medical Image Analysis: Recent Advances And Future Trends organized by NARASARAOPET ENGINEERING COLLEGE On 6TH JUNE 2020
18. Implementation Of National Education Policy, 2020 organized by NARASARAOPET ENGINEERING COLLEGE On 13-11-2020
19. An Insight Into Revised Accreditation Framework Of NAAC organized by NARASARAOPET ENGINEERING COLLEGE On 22-06-2020 TO 24-06-2020
20. Learning Vocabulary Is The Crux Of Language Learning organized by NARASARAOPET ENGINEERING COLLEGE On 05-08-2020

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

5.2. Articles/Chapterspublished inBooks   NIL

5.3. Bookspublishedassingleauthororaseditor NIL

5.4. Projects Guided:

5.5. Research Interests: Databases, Big Data.

5.6. Ph.D students:

        a) Enrolled: NIL

        b) Submitted: NIL

        c) Awarded: NIL

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Comparative analysis on heart disease prediction using conventional neural				International conference

	networks with adapted back propagation				
2	Enhanced Biomedical Data Modelling Using UnsupervisedProbabilistic Machine Learning	IJRTE MAR-2019	**ISSN: 2277 3878**	5.92	international
3	Finding Least Cost Travel Route Usingunconstrained CTP Query:A Survey	IJR FEB-2016	**e-ISSN: 2348-795X**	5.60	international
4	Algorithms For XML Tree Pattern Matching And Query Processing	IJCTA FEB-2012	ISSN:2229-6093	4.080	international

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
	NIL				

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

	NIL				

- **Certifications:**

NPTEL:

- Database management systems
- Design and Analysis of Algorithms

COURSE ERA:

- Programming for Everybody (Getting Started with Python)
- Python data structures
- AI for everyone
- Employee Turnover Project Using Sy-Kit Learn
- Geo location Data Integrity

7. Motto: Today is in your hand.